In the Claims:

Claims 1 to 24 (Canceled).

25. (Currently amended) A semi-fabricated intermediate article 1 for producing a composite material, comprising a plurality 2 of discs (10) that each respectively comprise a matrix material and that are arranged as a loose stack of said discs which are not yet joined to one another, each said disc (10) in said stack further comprising: a radially inner opening (11) surrounded by an inner disc edge and a disc ring portion surrounding said inner opening and surrounded by an outer disc edge, said disc ring portion 9 comprising a groove (13) and at least one reinforcing fiber 10 (14) embedded in said groove (13) with said matrix material 11 surrounding and consolidated around said at least one 12 reinforcing fiber in said groove, thereby forming a fiber 13 reinforced disc ring section, said reinforcing fiber (14) 14 and said groove (13) being spaced radially outwardly from 15 said inner disc edge thereby forming an inner first disc 16 ring section free of reinforcing fiber, said reinforcing fiber (14) and said groove (13) being spaced radially 18 inwardly from said outer disc edge thereby forming an outer 19 second disc ring section free of reinforcing fiber, said 20 fiber reinforced disc ring section being positioned between 21 said first and second disc ring 22 sections free of reinforcing fiber. 23

- 26. (Currently amended) The <u>semi-fabricated intermediate</u>
 2 article for producing the composite material of claim 25,
 3 wherein said first disc ring section free of reinforcing
 4 fiber comprises a first radial width that is the same in
 5 each disc in said stack, and wherein said second disc ring
 6 section has a second radial width that differs in different
 7 discs in said stack.
- 27. (Currently amended) The <u>semi-fabricated intermediate</u>
 2 article for producing the composite material of claim 25,
 3 wherein said groove in each disc in said stack has a spiral
 4 shape so that said <u>at least one</u> reinforcing fiber (14)
 6 or fibers extend extends spirally inside said fiber reinforced disc ring section.
- 1 28. (Currently amended) The <u>semi-fabricated intermediate</u>
 2 <u>article for producing the</u> composite material of claim 26,
 3 wherein said second radial width that differs in different
 4 discs is individually adapted for each disc in said stack.
- 29. (Currently amended) The <u>semi-fabricated intermediate</u>

 article for producing the composite material of claim 25,

 wherein said matrix material comprises titanium or a

 titanium alloy, and said at least one reinforcing fiber

 comprises a silicon carbide fiber in each said disc in said

 stack.

- 1 30. (Currently amended) The <u>semi-fabricated intermediate</u>
 2 <u>article for producing the</u> composite material of claim 26,
 3 wherein said second disc ring section free of reinforcing
 4 fiber in one disc in said stack is overlapped by at least
 5 one fiber reinforced disc ring section of at least one
 6 neighboring disc in said stack at an interface between said
 7 fiber reinforced disc ring section and said second disc
 8 ring section free of reinforcing fiber.
- 31. (Currently amended) The <u>semi-fabricated intermediate</u>

 article for producing the composite material of claim 25,

 wherein said groove or grooves in neighboring discs of said

 stack are radially displaced relative to each other so that

 said at least one reinforcing fiber in said groove or

 grooves in a given disc is radially staggered relative to

 respective reinforcing fibers in neighboring discs in said

 stack.
- 32. (Withdrawn currently amended) A method of <u>processing the</u>

 semi-fabricated intermediate article for producing the

 composite material of claim 25, said method comprising the

 steps:
- a) providing said plurality of said discs (10) of said matrix material,

- b) forming at least one said groove (13) in each disc of a number of discs in said plurality of discs (10),
- 9 c) inserting said at least one reinforcing fiber (14) in
 10 each said groove (13) of a respective disc of said
 11 number of discs,
- d) consolidating each said disc with said at least one reinforcing fiber (14) in said groove (13) thereof respectively so [[that]] as to form a consolidated disc in which said at least one reinforcing fiber (14) is surrounded on all sides and embedded in said matrix material,
- e) stacking <u>said</u> consolidated discs to form said <u>loose</u>

 stack <u>as said semi-fabricated intermediate article</u>,

 and
- f) joining each said disc in said stack to a neighboring
 said disc or discs in said stack to form a solid stack
 as said composite material.
- 1 33. (Withdrawn) The method of claim 32, further comprising
 2 performing said step of providing by producing said
 3 plurality of discs (10) with said radially inner opening
 4 (11) surrounded by said inner disc edge, forming said at
 5 least one groove in said fiber reinforced disc ring section
 6 with a first spacing from said inner disc edge, and forming
 7 said at least one groove in said fiber reinforced disc ring
 8 section with a second spacing from said outer disc edge of
 9 said disc (10) whereby said first disc ring section free of

reinforcing fiber is formed radially inwardly of said
groove (13) and said second disc ring section free of
reinforcing fiber is formed radially outwardly of said
groove, so that said fiber reinforced disc ring section
with said at least one groove (13) therein is positioned
between said first and second disc ring sections free of
reinforcing fiber.

- 1 34. (Withdrawn) The method of claim 32, further comprising 2 performing said step of forming by making said groove (13) 3 to a depth, in an axial direction, larger than a diameter 4 of said at least one reinforcing fiber (14) so that lands 5 (15) project above said at least one reinforcing fiber (14) 6 inserted in said groove.
- 1 35. (Withdrawn) The method of claim 32, further comprising
 2 performing said step of consolidating each said disc (10)
 3 with said at least one reinforcing fiber (14) in said
 4 groove (13) thereof by exposing said disc to a superplastic
 5 deformation so that said fiber is enclosed on all sides by
 6 said matrix material.
- 36. (Withdrawn) The method of claim 33, wherein said step of stacking is performed so that each said radially inner opening (11) of each said disc in said stack is axially aligned with all other said radially inner openings to thereby form a hollow cylinder.

Claim 37 (Canceled).

- 38. (Withdrawn currently amended)) The method of claim 32,
 wherein said step of joining is performed as a diffusion
 welding of stacked said discs (10) to form said solid
 stack.
- 1 39. (Withdrawn currently amended) The method of claim 32,
 2 further comprising inspecting each said disc, following
 3 said consolidating step and before said stacking step, for
 4 any breaks in said at least one reinforcing fiber or fibers
 5 and for any cracks in said matrix material, and discarding
 6 any said disc in which a break or a crack is discovered.
- 40. (Currently amended) A composite material article comprising a plurality of annular ring-shaped composite discs arranged axially aligned with one another and stacked successively to form a stack of said discs, wherein:
- each respective disc of said plurality of composite discs respectively comprises an annular ring of a matrix material including an inner ring portion bounding a central axial hole of said disc, an outer ring portion bounded by an outer periphery of said disc, and an intermediate ring portion between said inner and outer ring portions;

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each said respective disc respectively further comprises at least one reinforcing fiber that extends in a direction around said central hole in said intermediate ring portion, and said outer ring portion of said matrix material does not include said at least one reinforcing fiber therein; and

each said respective disc is respectively bounded by first and second annular surfaces, and said at least one reinforcing fiber is embedded in and surrounded by said matrix material that is consolidated around said at least one reinforcing fiber, so that said at least one reinforcing fiber is located between and axially displaced inwardly away from said first and second annular surfaces, in that as results from a fabrication process in which a groove deeper than a diameter of said at least one reinforcing fiber was provided in said matrix material of said intermediate ring portion of said respective disc, said at least one reinforcing fiber was disposed in said groove of said respective disc, and said matrix material respective disc was consolidated and deformed so as to deform said matrix material thereof to close said groove around said at least one reinforcing fiber.

41. (Previously presented) The composite material article according to claim 40, wherein said discs are loosely stacked on one another in said stack and are not yet joined to one another.

1 42. (Currently amended) The composite material article PAGE 12/12 * RCVD AT 8/1/2008 9:02:50 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-4/8 * DNIS:27;38300 * CSID:207 862 4681 * DURATION (mm-ss):11-14